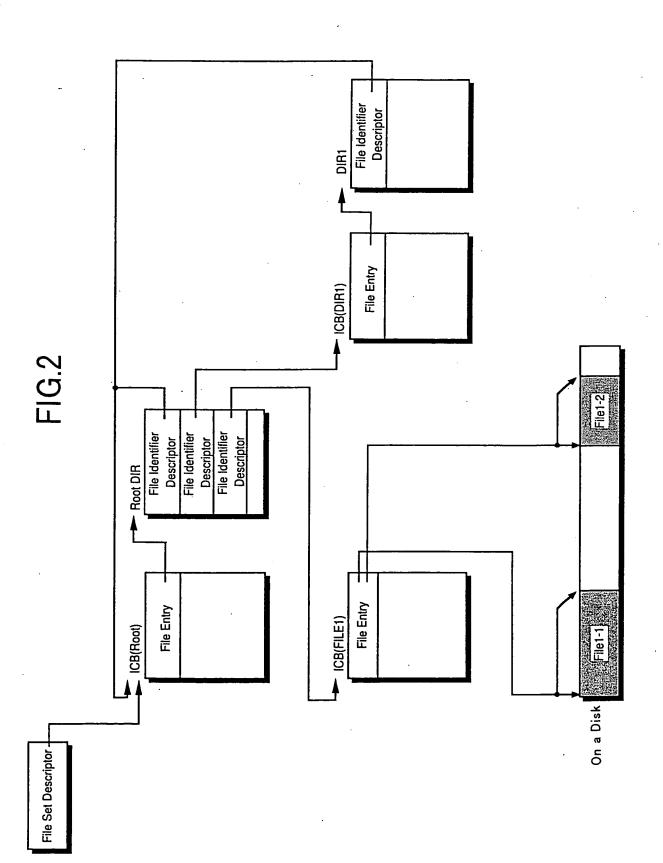
Cluster containing a defect sector Next Cluster Number Directory Entry 2 Directory Entry 1 Available Cluster Not to be used Final Cluster Directory Entry (dir1) Upper Level Directory FFF8h~FFFFh 0002h~FFF6h Itself File2 File1 FFF7h 0001h 40000 Correspondence of 1:1 0004h 0007h 0006h 0008h FFFFh 0009h FFFFh 0000h 0000h 0000h 0000h 12 2 10 11 10 ത တ (Byte) 7 8 ω File Name Extension File Attribute Beginning Cluster Final Edit Time Final Edit Date Reserved Area 9 9 File2 File Name Ŋ File Size Directory Entry (root) File1 2E Itself 2EPE Upper Level Directory 0000h 0003h Itself DIR 1 FAT Area (FAT16) FAT Unused FAT Entry→ Data Area Cluster→ Directory Entry 2 Directory Entry n Directory Entry 1





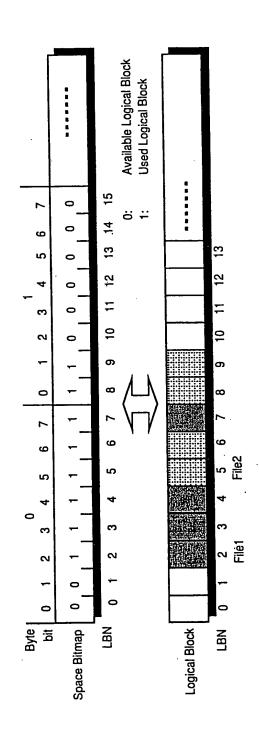


FIG.4

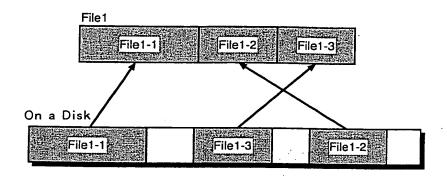


FIG.5

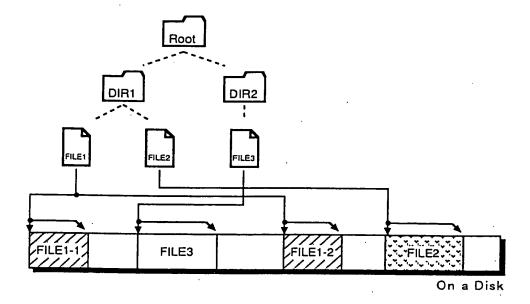


FIG.6

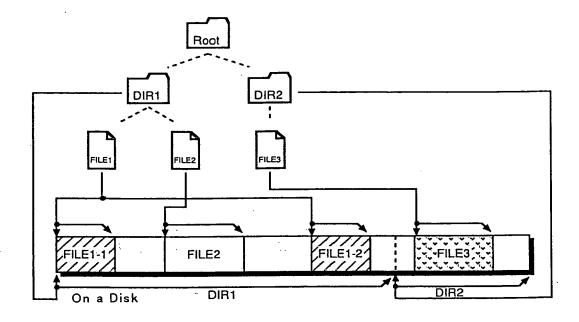
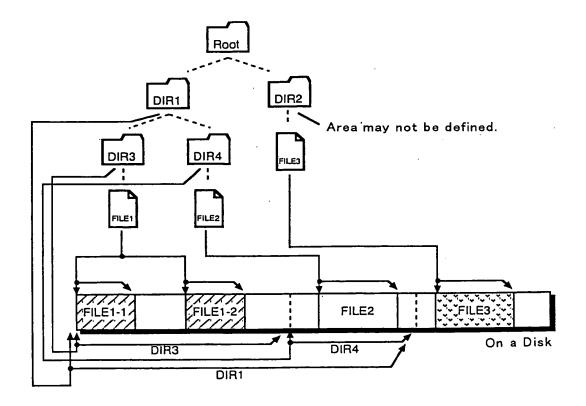


FIG.7



F1G.8

Basic Volume Descriptor	escriptor	
Byte Location Bytes		Item Name
0	256	Volume Name
256	4	Volume Size
260	4	Generation Date
264	4	Starting Logical Block Number (LBN) of a Space Bitmap
268	4	LBN in which a Root Directory File Descriptor is recorded

FIG.9A

Directory Descriptor

Byte Location Bytes	Bytes	Item Name
0	256	Directory Name
256	4	Generation Date
260	2	Area Ensuring Mode
262	4	The Number of Divisions (NOB)
266	8*NOB	Area Location Information (Starting LBN and the Number of Logical Blocks)
1	4	The Number of Descriptors (=NOE)
	4*NOE	Location Information (Starting LBN and the Number of Logical Blocks)

FIG.9B

Directory Descriptor

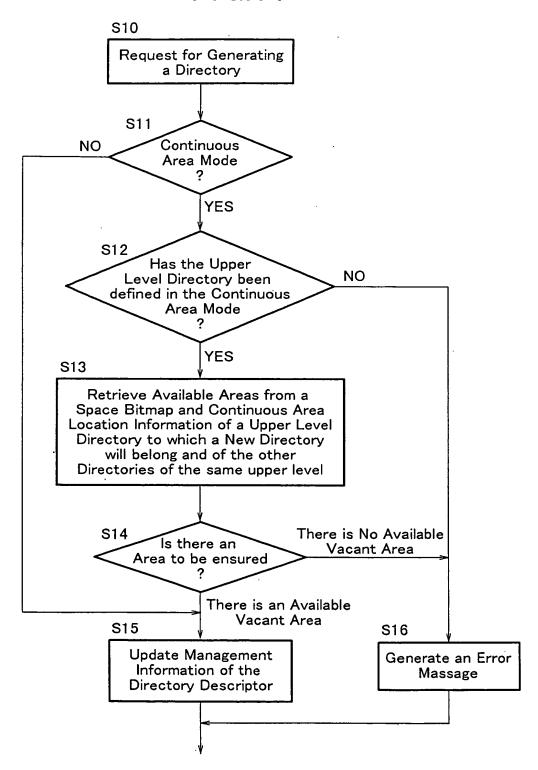
Byte Location	Bytes	Item Name
0	256	Directory Name
256	4	Generation Date
260	2	Continuous-Area ensuring mode
262	8	Continuous-Area Location Information (Starting LBN and the Number of Logical Blocks)
270	4	The Number of Descriptors (=NOE)
274	4*NOE	Location Information (Starting LBN and the Number of Logical Blocks)

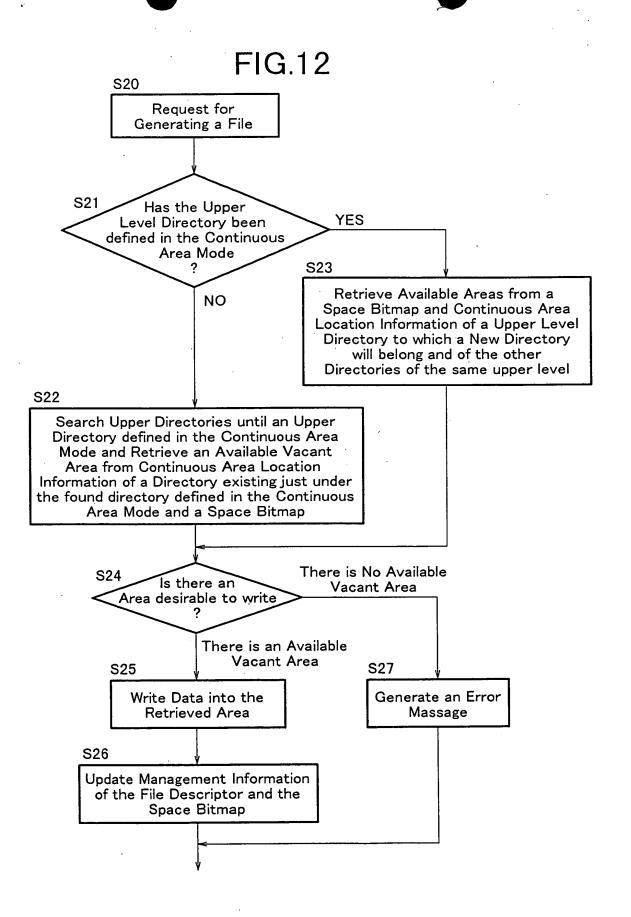
FIG.10

File Descriptor

Byte Location Bytes		Item Name
0	526	File Name
.256	4	Generation Date
260	4	File Size
264		The number of Divisions (=NOB)
268	8*NOB	Location Information (Starting LBN and the Number of Logical Blocks)

FIG.11







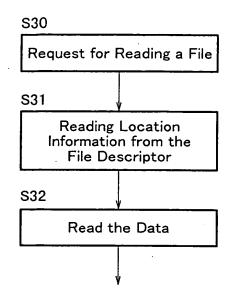


FIG.14

